| Ref<br># | Hits  | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---|---|---------------------|---------|------------------|
| L1       | 69968 | cubes   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/15 11:41 |
| L2       | 13951 | 1 and efficiency  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/15 11:41 |
| L3       | 29    | 2 and manufacturing and production and downtime                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/15 11:41 |
| S1       | 1     | "20050119863"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/15 11:40 |
| S2       | 310   | 702/182.ccls. and efficiency  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/09 12:36 |
| S3       | 137   | (manufacturing near monitoring)<br>and efficiency                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/07 13:02 |
| S4       | 4     | (manufacturing near monitoring)<br>and (production near monitoring)<br>and efficiency | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/07 13:02 |
| S5       | 497   | (production near monitoring) and efficiency   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/07 13:03 |

| S6  | 165    | (production near monitoring) and manufacturing and efficiency                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 13:43 |
|-----|--------|--|---|----|----|------------------|
| S7  | 18     | (production near monitoring) and (production near plant) and efficiency          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 13:48 |
| S8  | 5      | (manufacturing near monitoring)<br>and (production near plant) and<br>efficiency | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 13:57 |
| S9  | 26762  | manufacturing and monitor and efficiency   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 13:58 |
| S10 | 2263   | S9 and production and plant and assembly   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 13:58 |
| S11 | 108    | S10 and downtime   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:34 |
| S12 | 339625 | "10" and calculation and time  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:31 |
| S13 | 1983   | "10" and calculation and downtime  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:31 |

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| S14 | 364236      | "12" and waste                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:32 |
| S15 | 100105      | "12" and store and communicate and display | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:32 |
| S16 | 293174      | "10" and "11" and calculate                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:33 |
| S17 | 321411      | "11" and waste                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:33 |
| S18 | 1875        | manufacturing with monitoring with system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 15:34 |
| S19 | 488         | S18 and efficiency                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 16:43 |
| S20 | 2           | "6363291".pn.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 16:53 |
| S21 | 2           | "20020123811"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 16:45 |

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| S22 | 2           | "20020138168"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/07 16:46 |
| S23 | 2           | "20020138169"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/07 16:47 |
| S24 | 2           | "20020169646"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/07 16:55 |
| S25 | 4907        | manufacturing and production and assembly and process and plant and efficiency               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/08 13:12 |
| S26 | 2252        | S25 and monitor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/08 13:12 |
| S27 | 108         | S26 and downtime   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/08 13:39 |
| S28 | 53          | S25 and ((manufacturing near monitoring) or (production near monitoring))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/08 14:11 |
| S29 | 12          | S25 and ((manufacturing near<br>monitoring) or (production near<br>monitoring)) and downtime | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON          | 2005/06/09 09:00 |

| S30 | 10   | downtime near monitoring   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 09:24 |
|-----|------|--|---|----|----|------------------|
| S31 | 0    | beverage and (downtime near<br>monitoring)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 09:24 |
| 532 | 0    | (downtime near monitoring) and efficiency                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 09:25 |
| S33 | 10   | (efficiency near monitoring) and downtime                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 09:49 |
| S34 | 6311 | efficiency and downtime  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 09:49 |
| S35 | 24   | S34 and ((manufacture or production or product) near monitor)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 11:49 |
| S36 | 4626 | downtime and efficiency and (manufacture or production or product) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 11:50 |
| S37 | 1525 | S36 and monitor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 11:50 |

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| S38 | 483 | S37 and server and database                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2005/06/09 12:29 |
| S39 | 2   | "20020038235"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2005/06/09 12:30 |
| S40 | 160 | 700/95.ccls. and efficiency                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2005/06/09 12:41 |
| S41 | 0   | 700/95.ccls. and (efficiency near monitor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2005/06/09 12:40 |
| S42 | 0   | 700/95.ccls. and (downtime near monitor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2005/06/09 12:40 |
| S43 | 0   | 705/11.ccls. and (downtime near monitor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2005/06/09 12:40 |
| S44 | 4   | (downtime near monitor)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .        | ON | 2005/06/09 12:41 |
| S45 | 74  | 700/169.ccls. and efficiency               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2005/06/09 12:42 |

| S46 | 1    | 700/169.ccls. and (product near             | US-PGPUB;   | OR | ON | 2005/06/09 12:43 |
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|     |      | efficiency)                                 | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |    |    |                  |
| S47 | 3    | 700/95.ccls. and (product near efficiency)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 12:46 |
| S48 | 1    | 700/169.ccls. and (product near efficiency) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 12:46 |
| S49 | 0    | 705/11.ccls. and (product near efficiency)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 12:46 |
| S50 | 3641 | (product near efficiency)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 12:46 |
| S51 | 321  | S50 and monitor                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/09 12:46 |
| S52 | 61   | (efficiency near production near plant)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:42 |
| S53 | 2    | "6363291".pn.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:53 |

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| S54      | 2 | "20020123811" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:53 |
| S55<br>- | 2 | "20020138166" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:54 |
| S56      | 2 | "20020138169" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:54 |
| S57      | 2 | "20020169646" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:55 |
| S58      | 2 | "20020188366" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:55 |
| S59      | 2 | "20030018503" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:56 |
| S60      | 2 | "20030046027" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:59 |
| S61      | 2 | "20030050817" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 10:59 |

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| S62 | 25569 | (efficiency near process)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:15 |
| S63 | 12    | (efficiency near process near line)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:42 |
| S64 | 14167 | (efficiency near manufacturing)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:17 |
| S65 | 947   | S64 and monitor                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:17 |
| S66 | 521   | S65 and operation and condition         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:17 |
| S67 | 277   | S66 and communication                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:18 |
| S68 | 2339  | (efficiency with process with line)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:42 |
| S69 | 1287  | (efficiency with production with plant) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:42 |

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| S70 | 538   | S69 and condition and operation                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:43 |
| S71 | 31    | S70 and store and display   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:49 |
| S72 | 29195 | production adj efficiency   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:49 |
| S73 | 2     | S72 and (manufacturing adj<br>monitoring)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:50 |
| S74 | 9     | S72 and (manufacturing near monitoring)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 11:50 |
| S75 | 25    | S72 and (manufacturing and monitoring and condition and downtime) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 12:23 |
| S76 | 14    | bottling near production near line                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 12:25 |
| S77 | 294   | efficiency near production near line                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/14 12:38 |

| USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | S78 . 24 | efficiency adj production adj line | EPO; JPO;<br>DERWENT; | ON | 2005/06/14 14:53 |
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